

**CITY OF MIAMI, FLORIDA
INTER-OFFICE MEMORANDUM**

TO: Emilio T. González, Ph.D.
City Manager

DATE: September 17, 2018 **FILE:**

FROM: Annie Perez, CPPO, Director
Department of Procurement



SUBJECT: Recommendation for Award of South Bayshore Lane and Fairview Street, D2 - Project No. B-30737

REFERENCES: Invitation to Bid ("ITB") No. 17-18-023

ENCLOSURES: Bid Security List, Contractor's Best and Final Offer ("BAFO") Price Proposal

RECOMMENDATION:

Based on the findings below, the Department of Procurement ("Procurement") hereby recommends that the referenced Project be awarded to Terra Hyle Contractors, Inc. ("Terra Hyle"), who has been determined to be the lowest responsive and responsible Bidder, for ITB No. 17-18-023, South Bayshore Lane and Fairview Street, D2 – Project No. B-30737 (the "Project").

BACKGROUND:

On April 12, 2018, Procurement issued a solicitation under full and open competition to obtain bids from qualified firms. On June 11, 2018, Procurement received five (5) bids in response to the solicitation (see attached Bid Security List).

Pursuant to the solicitation, Bidders were required to have: i) a current certified General Contractor License issued by the State of Florida; and a minimum of five (5) years' experience, under its current business name, in the construction of roadway/horizontal projects which are similar to the Project's Scope of Work, supported by references for three (3) Projects completed within the past five (5) years.

In addition, the submitted reference Projects must demonstrate that the Selected Bidder: i) served as the Prime Contractor for the referenced Projects provided; and ii) self-performed at least thirty percent (30%) of the Physical Labor Construction Work for the referenced Projects. The Selected Bidder shall be required to self-perform at least thirty percent (30%) of the Physical Labor Construction Work for the Project.

FINDINGS:

Procurement has completed the review of the bids following the guidelines published in the solicitation. As reflected on the attached Bid Security List, Terra Hyle was the lowest responsive and responsible Bidder. The local preference ordinance is applicable since V Engineering & Consulting, Corp., the third lowest Bidder, maintains a "local office," pursuant to Sec. 18-73 of the City of Miami ("City") Code.

On July 10, 2018, Procurement sent a BAFO letter to both firms to complete by July 13, 2018. Both firms returned completed BAFO's, whereas Terra Hyle was found to be the lowest Bidder with a six percent (6%) decrease from their original bid (see attached Contractor's BAFO Price Proposal). After determining that Terra Hyle was a responsive and responsible Bidder, who met the minimum requirements specified in the solicitation, the Office of Capital Improvements and Miami-Dade County Water and Sewer Department reviewed and compared Terra Hyle's bid to the design consultant's construction cost estimate, and determined that Terra Hyle's bid was acceptable.

Based on the above findings, Procurement hereby recommends that the Project be awarded to Terra Hyle.

CONTRACT EXECUTION:

Accordingly, Procurement hereby requests authorization to prepare for execution a contract in the amount of Terra Hyle's total base bid of \$649,207.99 for the scope of work, plus an Owner's Contingency Allowance

PR18091

in the amount of \$49,547.38, for a total not-to-exceed award value of \$698,755.37. Your signature below indicates your approval of Procurement's recommendation.

Approved: 
Emilio T. González, Ph.D., City Manager

Date: 9/26/18

- c: Joseph F. Napoli, Deputy City Manager
- Nzeribe Ihekwaba, Ph.D., P.E., Assistant City Manager
- Sandra Bridgeman, Assistant City Manager/Chief Financial Officer
- Rafael Suarez-Rivas, Chief Assistant City Attorney
- Steven C. Williamson, Director, OCI
- Hector Badia, Assistant Director, OCI
- Fernando V. Ponassi, MA Arch., MA PPA, LEED®AP, Assistant Director, Procurement



City of Miami

ANNIE PEREZ, CPPO
Director of Procurement

EMILIO T. GONZÁLEZ, PH.D.
City Manager

July 10, 2018

Emerita Ocana, President
Terra Hyle Contractors, Inc.
4995 NW 72nd Avenue, Suite 205
Miami, FL 33166

SENT VIA EMAIL
felix@terrahyleinc.com

RE: Best and Final Offer (BAFO) for Invitation to Bid (ITB) No. 17-18-023, South Bayshore Lane and Fairview Street – D2- B-30737

Dear Mrs. Ocana:

The City of Miami is in receipt of your bid response to Invitation to Bid (ITB) No. 17-18-023, South Bayshore Lane and Fairview Street – D2- B-40347. The ITB closed on June 11, 2018, and Terra Hyle Contractors, Inc. was the apparent lowest responsive and responsible Bidder. However, pursuant to Section 18-85(a) of the City of Miami Code, as amended:

“When a responsive, responsible non-local Bidder submits the lowest Bid price, and the Bid submitted by one or more responsive, responsible local Bidders who maintain a local office, as defined in City Code Section 18-73, is within fifteen percent (15%) of the price submitted by the non-local Bidder, then that non-local Bidder and each of the aforementioned responsive, responsible local Bidders shall have the opportunity to submit a best and final Bid equal to or lower than the amount of the low Bid previously submitted by the non-local Bidder. Contract award shall be made to the lowest responsive, responsible Bidder submitting the lowest best and final Bid. In the case of a tie in the best and final Bid between a local Bidder and a non-local Bidder, Contract award shall be made to the local Bidder.”

In accordance with Section 18-85(a) of the City of Miami Code, as amended, the City hereby requests that you carefully analyze your bid price for any cost savings you can in turn extend to the City; and provide what is considered your firm's “best and final offer” as it pertains to your cost to provide the construction services solicited in this ITB. The requested best and final offer should be emailed to the attention of Anthony Hansen at ahansen@miamigov.com, by **no later than close of business on Friday, July 13, 2018**.

Please indicate your firm's best and final offer on the Bid Form on page 2, hereof, and on the two (2) attached line item Bid Forms (one (1) in PDF format and one (1) in Excel format).

Best and Final Offer (BAFO) for Invitation to Bid (ITB) No. 17-18-023, South Bayshore Lane and Fairview Street – D2 - B-30737:

The Bidder's Total Bid Construction Cost includes the total cost for furnishing all materials, labor, and equipment necessary for roadway improvements for the South Bayshore Lane and Fairview Street Project (the "Project"), including drainage system installation, milling and resurfacing, roadway reconstruction, replacement of existing sidewalk, repair of driveway approaches, repair of curb and gutter as well as new curb and gutter, striping, signs, and Americans with Disabilities Act (ADA) compliant pedestrian ramps. Additionally, installation of 8-inch Ductile Iron (D.I.) water main. Utility work being funded by a Joint Participation Agreement ("JPA") with Miami-Dade Water and Sewer Department ("WASD"). If the total Utility bid items are over ten percent (10%) of the WASD estimate, then WASD has the option to reject the bid alternate and perform their work. Funding for utility work will be released after satisfactory inspection by WASD. Additional information concerning the Scope of Work is located in the Construction Drawings.

TOTAL BAFO BASE BID CONSTRUCTION COST

FOR ITB NO. 17-18-023

(City of Miami Project No. B-30737)

\$ 649,207.99

WRITTEN TOTAL BID CONSTRUCTION COST:

\$ Six Hundred Forty Nine Thousand Two Hundred Seven Dollars and Ninety Nine Cents

(Total BAFO Base Bid)

Please sign and date below to certify your response above:

Emerita Ocana

Print Name



Signature

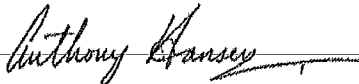
President

Title

07/13/2018

Date

Sincerely,



Anthony Hansen
Senior Procurement Contracting Officer

ITB No. 17-18-023 South Bayshore Lane and Fairview Street, D2 BAFO

ITEM	PAY-ITEM NO.	DESCRIPTION	UNITS	SUBMITTED BID UNIT COST	BAFO UNIT COST	QUANTITY	SUBMITTED BID TOTAL	BAFO TOTAL
LUMP SUM PAY ITEMS								
1	101-1	MOBILIZATION	LS	\$10,000.00	\$10,000.00	1	\$10,000.00	\$10,000.00
2	102-1	MAINTENANCE OF TRAFFIC	LS	\$25,000.00	\$20,000.00	1	\$25,000.00	\$20,000.00
TOTAL LUMP SUM PAY ITEMS							\$35,000.00	\$30,000.00
ITEM	PAY-ITEM NO.	DESCRIPTION	UNITS	SUBMITTED BID UNIT COST	BAFO UNIT COST	QUANTITY	SUBMITTED BID TOTAL	BAFO TOTAL
ROADWAY AND HARDSCAPE PAY ITEMS								
3	104-11	FLOATING TURBIDITY BARRIER	LF	\$35.00	\$35.00	150	\$5,250.00	\$5,250.00
4	110-1-1	CLEARING & GRUBBING	LS	\$15,000.00	\$10,000.00	1	\$15,000.00	\$10,000.00
5	110-4	REMOVAL OF EXIST. CONCRETE	SY	\$5.00	\$5.00	528	\$2,640.00	\$2,640.00
6	120-2-2	BORROW EXCAVATION, TRUCK MEASURE	OY	\$20.00	\$20.00	242	\$4,840.00	\$4,840.00
7	160-4	TYPE B STABILIZATION	SY	\$6.00	\$5.00	1,668	\$10,008.00	\$8,340.00
8	285-706	OPTIONAL BASE, BASE GROUP 06 (8")	SY	\$7.00	\$6.00	1,668	\$11,676.00	\$10,008.00
9	327-70-1	MILLING EXISTING ASPH PAVT, 1" AVG DEPTH	SY	\$5.00	\$7.00	672	\$3,360.00	\$4,704.00
10	337-7-42	TYPE S-III ASPHALTIC CONCRETE	TN	\$150.00	\$140.00	258	\$38,700.00	\$36,120.00
11	425-1-541	CITY OF MIAMI TYPE 'D-3' INLET, ≤10'	EA	\$2,100.00	\$2,000.00	12	\$25,200.00	\$24,000.00
12	425-1-541	CITY OF MIAMI TYPE 'D' CURB INLET, ≤10'	EA	\$3,200.00	\$3,200.00	2	\$6,400.00	\$6,400.00
13	327-70-1	CITY OF MIAMI TYPE 'D-3' INLET, >10'	EA	\$4,000.00	\$4,000.00	2	\$8,000.00	\$8,000.00
14	425-2-41	MANHOLE (CITY OF MIAMI TYPE D-3), ≤10'	EA	\$4,500.00	\$4,500.00	1	\$4,500.00	\$4,500.00
15	425-2-41	MANHOLE (CITY OF MIAMI TYPE D-4), ≤10'	EA	\$3,800.00	\$3,500.00	6	\$22,800.00	\$21,000.00
16	425-2-41	MANHOLE (CITY OF MIAMI TYPE D-5), ≤10'	EA	\$4,600.00	\$4,600.00	1	\$4,600.00	\$4,600.00
17	425-2-42	MANHOLE (CITY OF MIAMI TYPE D-4), >10'	EA	\$4,600.00	\$4,600.00	1	\$4,600.00	\$4,600.00
18	425-2-42	MANHOLE (CITY OF MIAMI TYPE D-5), >10'	EA	\$5,100.00	\$5,100.00	2	\$10,200.00	\$10,200.00
19	425-2-102	CONTROL DRAINAGE STRUCTURE W/ WEIR	EA	\$12,000.00	\$12,000.00	1	\$12,000.00	\$12,000.00
20	425-2-102	POLLUTION CONTROL DRAINAGE STRUCTURE 6' DIAMETER	EA	\$32,000.00	\$32,000.00	2	\$64,000.00	\$64,000.00
21	425-2-102	SPECIAL MANHOLE (36"X54")	EA	\$4,000.00	\$4,000.00	2	\$8,000.00	\$8,000.00
22	425-2-102	SPECIAL MANHOLE (6'X6')	EA	\$6,500.00	\$6,500.00	1	\$6,500.00	\$6,500.00
23	425-2-102	BYPASS STRUCTURE (4'X6.5')	EA	\$9,000.00	\$9,000.00	1	\$9,000.00	\$9,000.00
24	430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"	LF	\$50.00	\$45.00	1,099	\$54,950.00	\$49,455.00
25	430-175-136	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36"	LF	\$100.00	\$100.00	277	\$27,700.00	\$27,700.00
26	520-1-10	CONCRETE CURB AND GUTTER, TYPE F	LF	\$27.00	\$27.00	219	\$5,913.00	\$5,913.00
27	520-2-4	CONCRETE CURB, TYPE D	LF	\$22.00	\$22.00	224	\$4,928.00	\$4,928.00
28	522-1	CONCRETE SIDEWALK 4" THICK (INCL. PED RAMP)	SY	\$50.00	\$47.25	375	\$18,750.00	\$17,718.75
29	522-2	CONCRETE SIDEWALK 6" THICK	SY	\$54.00	\$54.00	153	\$8,262.00	\$8,262.00
30	526-1-2	PAVERS ARCHITECTURAL (RESTORE BRICK DRIVEWAYS)	SY	\$70.00	\$65.00	110	\$7,700.00	\$7,150.00
31	527-2	DETECTABLE WARNING SURFACE	SF	\$30.00	\$30.00	16	\$480.00	\$480.00
32	570-1-2	PERFORMANCE TURF, SOD	SY	\$7.00	\$7.00	745	\$5,215.00	\$5,215.00
33	660-2-106	TRAFFIC LOOP, F&I, TYPE F	AS	\$2,650.00	\$2,500.00	1	\$2,650.00	\$2,500.00
34		SWALE TRENCH (CITY OF MIAMI)	SY	\$14.00	\$14.00	220	\$3,080.00	\$3,080.00
35		INLINE CHECK VALVE 18"	EA	\$8,500.00	\$8,000.00	2	\$17,000.00	\$16,000.00
36		PIPE LINING EXISTING 15"	LF	\$25.00	\$25.00	100	\$2,500.00	\$2,500.00
37		EXPLORATORY EXCAVATION	EA	\$500.00	\$500.00	8	\$4,000.00	\$4,000.00
38		MANATEE GRATE	EA	\$2,500.00	\$2,500.00	3	\$7,500.00	\$7,500.00
TOTAL ROADWAY AND HARDSCAPE PAY ITEMS							\$447,902.00	\$427,103.75

FAIRVIEW STREET CITY OF MIAMI PROJECT NO. B-30737 - BASE BID

ITEM	PAY-ITEM NO.	DESCRIPTION	UNITS	SUBMITTED BID UNIT COST	BAFO UNIT COST	QUANTITY	SUBMITTED BID TOTAL	BAFO TOTAL
SIGNING AND PAVEMENT MARKING PAY ITEMS								
39	700-1-11	SIGN SINGLE POST (LESS THAN 12 SQ FT.)	AS	\$400.00	\$400.00	6	\$2,400.00	\$2,400.00
40	706-3	MARKER PAVEMENT RETRO-REFLECTIVE	EA	\$20.00	\$20.00	26	\$520.00	\$520.00
41	710-11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID (12")	LF	\$1.50	\$1.50	60	\$90.00	\$90.00
42	710-11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID (24")	LF	\$3.00	\$3.00	40	\$120.00	\$120.00
43	710-11-231	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID (6")	LF	\$1.00	\$1.00	360	\$360.00	\$360.00
44	711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	\$3.00	\$3.00	60	\$180.00	\$180.00
45	711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	\$5.00	\$5.00	40	\$200.00	\$200.00
46	711-11-221	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	\$5.00	\$5.00	360	\$1,800.00	\$1,800.00
TOTAL SIGNING AND PAVEMENT MARKING PAY ITEMS							\$5,670.00	\$5,670.00
SUB-TOTAL BASE BID							\$488,572.00	\$482,773.75
	N/A	ALLOWANCE FOR PERMITS	DEDICATED ALLOWANCE			1	\$16,000.00	\$16,000.00
	N/A	ALLOWANCE FOR TRAFFIC CONTROL OFFICER	DEDICATED ALLOWANCE			1	\$7,200.00	\$7,200.00
	N/A	ARCHAEOLOGICAL OVERSITE ALLOWANCE	DEDICATED ALLOWANCE			1	\$9,500.00	\$9,500.00
TOTAL BASE BID CITY OF MIAMI PROJECT NO. B-30737							\$521,272.00	\$495,473.75

WEST FAIRVIEW STREET WATER MAIN PCTS No. 14705 (ER No. W017005) - ADD ALTERNATE

ITEM	PAY-ITEM NO.	DESCRIPTION	UNITS	SUBMITTED BID UNIT COST	BAFO UNIT COST	QUANTITY	SUBMITTED BID TOTAL	BAFO TOTAL
LUMP SUM PAY ITEMS								
1	1	FOR PERFORMING PREPARATORY WORK AND OPERATIONS IN MOBILIZING FOR BEGINNING THE WORK OF THE PROJECT, INCLUDING PREPARATION AND ACCEPTANCE OF MOT, BUT EXCLUDING MATERIALS AND PERMIT COSTS, BOTH OF WHICH ARE PAID UNDER OTHER PAYMENT ITEMS (5%).	AGGR. SUM	\$12,000.00	\$12,000.00	1	\$12,000.00	\$12,000.00
TOTAL LUMP SUM PAY ITEMS							\$12,000.00	\$12,000.00
WATER MAIN PAY ITEMS								
2	2	FOR SELLING AND DELIVERING TO THE DEPARTMENT 8" ZINC COATED DUCTILE IRON PIPE, FITTINGS, VALVES AND RESTRAINERS FOR WATER MAIN.	LF	\$39.00	\$35.00	680	\$26,520.00	\$23,800.00
3	3	FOR INSTALLING 8-INCH ZINC COATED DUCTILE IRON PIPE, FITTINGS, VALVES AND RESTRAINERS FOR WATER MAIN.	LF	\$35.00	\$33.00	680	\$23,800.00	\$22,440.00
4	4	FOR SELLING AND DELIVERING TO THE DEPARTMENT 6" ZINC COATED DUCTILE IRON PIPE, FITTINGS, VALVES AND RESTRAINERS FOR WATER MAIN.	LF	\$120.00	\$120.00	12	\$1,440.00	\$1,440.00
5	5	FOR INSTALLING 6-INCH ZINC COATED DUCTILE IRON PIPE, FITTINGS VALVES AND RESTRAINERS FOR WATER MAIN.	LF	\$120.00	\$120.00	12	\$1,440.00	\$1,440.00
6	6	FOR SELLING AND DELIVERING TO THE DEPARTMENT 4" ZINC COATED DUCTILE IRON PIPE, FITTINGS, VALVE AND RESTRAINERS FOR WATER MAIN.	LF	\$80.00	\$80.00	30	\$2,400.00	\$2,400.00
7	7	FOR INSTALLING 4-INCH ZINC COATED DUCTILE IRON PIPE, FITTINGS VALVES AND RESTRAINERS FOR WATER MAIN.	LF	\$80.00	\$80.00	30	\$2,400.00	\$2,400.00
8	8	FOR REMOVING EXISTING PLUGS AND CONNECTING TO EXISTING WATER MAIN AT W FAIRVIEW ST (STA 10+43a) INCLUDING FURNISHING AND INSTALLING ALL FITTINGS NECESSARY FOR CONNECTIONS, AS SHOWN ON THE PLANS, COMPLETE	EA	\$1,500.00	\$1,500.00	1	\$1,500.00	\$1,500.00
9	9	FOR REMOVING EXISTING PLUGS AND CONNECTING TO EXISTING WATER MAINS AT S BAYSHORE LN. (STA 17+49a) INCLUDING FURNISHING AND INSTALLING ALL FITTINGS NECESSARY FOR CONNECTIONS, AS SHOWN ON THE PLANS, COMPLETE	EA	\$1,500.00	\$1,500.00	1	\$1,500.00	\$1,500.00
10	10	FOR SELLING AND DELIVERING TO THE DEPARTMENT FIRE HYDRANT ASSEMBLIES WITH GUARD POSTS, COMPLETE	EA	\$4,000.00	\$4,000.00	1	\$4,000.00	\$4,000.00
11	11	FOR INSTALLING FIRE HYDRANT ASSEMBLIES WITH GUARD POSTS, COMPLETE	EA	\$4,000.00	\$4,000.00	1	\$4,000.00	\$4,000.00
12	12	FOR REMOVING AND SALVAGING EXISTING FIRE HYDRANT ASSEMBLIES WITH ELBOW/SHOE AND GUARD POSTS, COMPLETE	EA	\$3,500.00	\$3,500.00	1	\$3,500.00	\$3,500.00
13	13	FOR FURNISHING AND INSTALLING 1-INCH SINGLE SERVICE SHORT, INCLUDING RECONNECTION OF CUSTOMER'S SERVICE PIPE AND METER TRANSFER, COMPLETE	EA	\$2,000.00	\$2,000.00	7	\$14,000.00	\$14,000.00

14	14	FOR FURNISHING AND INSTALLING 1-INCH SINGLE SERVICE LONG, INCLUDING RECONNECTION OF CUSTOMER'S SERVICE PIPE AND METER TRANSFER, COMPLETE	EA	\$2,000.00	\$2,000.00	3	\$6,000.00	\$6,000.00
15	15	FOR FURNISHING AND INSTALLING 2-INCH SINGLE SERVICE LONG, INCLUDING RECONNECTION OF CUSTOMER'S SERVICE PIPE AND METER TRANSFER, WITH 2'X4' METER VAULT, COMPLETE	EA	\$5,000.00	\$4,000.00	1	\$5,000.00	\$4,000.00
16	16	FOR FURNISHING AND INSTALLING 2-INCH SINGLE SERVICE LONG, INCLUDING RECONNECTION OF CUSTOMER'S SERVICE PIPE AND METER TRANSFER, WITH 4'X4' METER VAULT, COMPLETE	EA	\$5,000.00	\$4,000.00	1	\$5,000.00	\$4,000.00
17	17	FOR CONSTRUCTING AIR RELEASE VALVE ASSEMBLIES (ARVS) FOR WATER MAINS AT THE LOCATIONS SHOWN ON THE PLANS, COMPLETE	EA (CONT. ITEM)	\$2,000.00	\$1,500.00	2	\$4,000.00	\$3,000.00
18	18	FOR FURNISHING AND INSTALLING V-BIO POLYETHYLENE ENCASEMENT FOR ANY SIZE DUCTILE IRON PIPE, FITTING, OR VALVE	LF	\$4.00	\$4.00	722	\$2,888.00	\$2,888.00
19	19	FOR TRENCH OVERCUT IN 1-FOOT DEPTH INCREMENTS, FOR ANY SIZE PIPE	LF (CONT. ITEM)	\$10.00	\$8.00	120	\$1,200.00	\$960.00
20	20	FOR SHEETING AND SHORING ORDERED LEFT IN PLACE BY THE ENGINEER	SF (CONT. ITEM)	\$10.00	\$8.00	100	\$1,000.00	\$800.00
21	21	FOR REMOVAL, TRANSPORT AND LEGAL DISPOSAL OF UNSUITABLE BACKFILL MATERIALS, INCLUDING TIPPING FEES, AS ORDERED BY THE ENGINEER	CY (CONT. ITEM)	\$30.00	\$20.00	90	\$2,700.00	\$1,800.00
22	22	FOR FURNISHING AND INSTALLING ADDITIONAL SUITABLE BACKFILL MATERIAL, AS DIRECTED BY THE ENGINEER	CY (CONT. ITEM)	\$30.00	\$20.00	100	\$3,000.00	\$2,000.00
23	23	FOR CONSTRUCTING LIMEROCK BASE FOR TYPE "M" PERMANENT PAVEMENT REPAIRS	SY	\$36.00	\$36.00	70	\$2,520.00	\$2,520.00
24	24	FOR CONSTRUCTING TYPE "M" ASPHALTIC CONCRETE SURFACE COURSE PERMANENT PAVEMENT REPAIRS	SY	\$54.00	\$50.00	80	\$4,320.00	\$4,000.00
25	25	FOR CONSTRUCTING CONCRETE SIDEWALK RESTORATION TO MATCH EXISTING	SF (CONT. ITEM)	\$10.00	\$10.00	40	\$400.00	\$400.00
26	26	FOR RESTORING SODDED AREA	SY (CONT. ITEM)	\$9.00	\$9.00	90	\$810.00	\$810.00
27	27	FOR RESTORATION OF EXISTING BRICK AND/OR CONCRETE PAVEMENT DRIVEWAYS	SF (CONT. ITEM)	\$12.00	\$9.00	150	\$1,800.00	\$1,350.00
28	28	FOR MAKING CUT-IN CONNECTIONS TO EXISTING FIRELINE PIPING, INCLUDING CUTTING EXISTING PIPING, AND FURNISHING AND INSTALLING ALL FITTINGS NECESSARY FOR RECONNECTION OF CUSTOMER'S FIRELINE SERVICE PIPE (STA. 14+81), COMPLETE	EA (CONT. ITEM)	\$2,500.00	\$1,500.00	1	\$2,500.00	\$1,500.00
29	29	FOR FURNISH TRAFFIC CONTROL (MOT) (5%)	AGGR. SUM	\$7,000.00	\$5,600.00	1	\$7,000.00	\$5,600.00
TOTAL WATER MAIN PAY ITEMS							\$196,936.00	\$124,048.00
SUB-TOTAL ALTERNATE							\$148,636.00	\$136,048.00
30	30	ALLOWANCE FOR COST OF REQUIRED PERMITS, FEES, INSPECTIONS, IMPACT FEES, IF AUTHORIZED BY THE ENGINEER (3%)	DEDICATED ALLOWANCE			1	\$4,469.14	\$4,081.44
31	31	ALLOWANCE FOR UNFORESEEN CONDITIONS, FOR MINOR CONSTRUCTION CHANGES, AND FOR QUANTITY ADJUSTMENTS, IF ORDERED BY THE ENGINEER (10%)	CONT. ALLOWANCE			1	\$14,863.80	\$13,604.80
TOTAL WATER MAIN PCTS No. 14705 (ER No. W017005) - ADD ALTERNATE							\$167,960.94	\$163,734.24
COMBINED TOTAL BID AMOUNT BASE BID + ALTERNATE							\$689,232.94	\$649,207.99